



Chief Two Guns White Calf—Glacier National Park

The Cascades and the Cascade Tunnel

THE SNOW-CAPPED CASCADES of the State of Washington are regarded by experienced travelers as the most beautiful mountain range in all America. Heavily forested, dotted with numerous lakes, they present an ever-enchanting picture to those whose fortune it is to see them.

The beautiful Cascades presented a problem to Great Northern Railway engineers. The lofty peaks and passes made a very difficult crossing of switchbacks and necessitated somewhat slower time. This great problem was solved in the new Cascade Tunnel and the electrification of the main line of the Great Northern Railway from Appleyard (near Wenatchee, Washington) to Skykomish, completed in 1929 at a cost of \$25,000,000.

The late James J. Hill, the "Empire Builder," had foreseen the difficulties to come in high grade crossing of the Cascades and had authorized John Stevens to find the most suitable crossing, considering grades, curvature and location. This was in 1889. In 1890, a year later, a route was recommended by Stevens and in 1900 the first tunnel was completed. However, all the grades were not conquered in this project, but there was great advantage in the fact that it was easily adaptable to still further improvement by the construction of a larger and lower tunnel. Nothing more was done until 1916 and 1917 when the World War intervened and all plans were temporarily dropped. The work was revived in earnest in 1925 and construction started. The tunnel was completed in a period of 3 years. It is 7.79 miles long, is absolutely straight from end to end and the percentage of ascent and descent varies only slightly over one per cent. It is the longest tunnel in America and represents the greatest engineering feat since the World War.

Second Annual Michigan Farmer Tour

Luncheon

Monday, August 11, 1930



PICKLED BEETS

DILL PICKLES

PUREE OF GREEN CORN

PACIFIC COAST SALMON—LEMON BUTTER

BOILED SMOKED HAM
WITH SPINACH

CHICKEN PIE
GREAT NORTHERN STYLE

VEAL LIVER
FRENCH FRIED ONIONS

GREEN BEANS

BAKED NEW POTATO

COLD PRIME RIBS OF BEEF
POTATO SALAD

ASSORTED COLD MEATS
PICKLED WALNUTS

HEAD LETTUCE
FRENCH DRESSING

APPLE PIE A LA MODE

CHOCOLATE SUNDAE

COFFEE

TEA

SWEET OR BUTTER MILK

ICED TEA OR COFFEE

POST



CARD

1
CI
STA. A
HERE

Message



THE Great Northern Railway bids you welcome to the Pacific Northwest and sincerely trusts that your journey over its route from the Twin Cities to the Pacific Coast Cities will be a pleasant one.

Lake McDonald Hotel, Glacier National Park

